



TR025

Series :
55400 to 55499

molded inductors

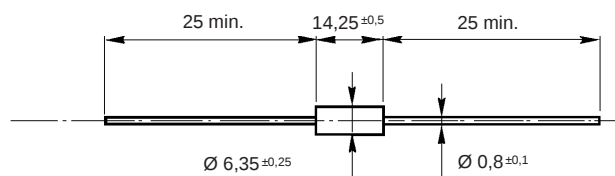
- axial leads
- high frequency and noise suppression applications

NF C 93-331
LNZ
GAM-T-1
lists



These inductors conform to NF C 93-331 regulation. They have copper winding on magnetic core structure with tinned copper lead terminals. Depending on inductance value core is either phenolic material, iron powder or ferrite.

- ACCURATE DIMENSIONS
- SUPERIOR MOISTURE PROTECTION
- FLAME RETARDANT COATING
- HIGH REL ON REQUEST



Dimensions in mm

SPECIFICATIONS

MECHANICAL

COATING... flame retardant
molded epoxy
TERMINALS... tinned copper
WEIGHT... 2,7 g

ENVIRONMENTAL

OPERATING TEMPERATURE
RANGE... + 70°C
TEMPERATURE LIMITS... -55°C +125°C

ELECTRICAL

INDUCTANCE RANGE... 1 µH to 8200 µH
TOLERANCE... ± 10% 1 µH < L ≤ 8200 µH
on request ... ± 5% 1 µH < L ≤ 1000 µH
MAXIMUM VOLTAGE... 500 V RMS
POWER RATING... 500 mW at +70°C

MARKING

Standard : printed in clear manufacturer, inductance value, tolerance, or 4 color bands.

PACKAGING

Standard : tape packaging
250 pieces tape in box "Ammopack"
500 pieces tape and reel
On request : 250 pieces bulk pack.

ORDERING PROCEDURE

SERIES	STYLE	INDUCTANCE VALUE	TOLERANCE	PACKAGING	COLOR BANDS MARKING
TR	025	220 µH	± 10% ± 5%	R	optional
				R : tape and reel B : tape in box "Ammopack" V : bulk pack	



VISHAY S.A.
Division Aztronic
Z.I. de Bellitourne
BP 353 - AZÉ
53203 Château-Gontier Cedex
Tél (33) 02 43 09 51 10
Fax (33) 02 43 07 36 43

TR025 INDUCTORS - STANDARD VALUES

Table 1

Inductance value μH	Tolerance %	Q min.	Test frequency MHz	DCR max. Ω	SRF min. MHz	I max. mA
1	± 10%	65	25	0,14	200	1900
1,2		40	7,9	0,19	180	1640
1,5				0,28	160	1340
1,8				0,37	150	1160
2,2				0,50	135	1000
2,7				0,65	120	875
3,3				1	105	710
3,9		↓		1,2	100	645
4,7		40		1,8	90	530
5,6		35		0,13	55	1960
6,8				0,20	50	1580
8,2		↓	↓	0,22	44	1510
10		35	7,9	0,26	42	1380
12		45	2,5	0,45	34	1060
15		45		0,52	32	980
18		60		0,70	28	840
22		↓		1	24	705
27		↓		1,3	22	620
33		60		1,5	20	575
39		70		2	16	500
47		100		2,2	18	475
56		↓		2,3	16	465
68		↓		3	14	405
82		100	↓	3,5	12,5	375
100		95	2,5	3,8	11	365
120		90	0,79	4,2	10	345
150		75		5	8,3	315
180		80		5,3	6	305
220		80		5,9	5,5	290
270		80		6,6	5	275
330		75		7,2	4,2	260
390		75		8,6	3,9	240
470		80		9	3,6	235
560		80		9,7	3,4	225
680		75		10	3,1	220
820		70	↓	12	2,6	200
1000		75	0,79	15	2,6	180
1200		60	0,25	18	2,3	165
1500		70		21	2,1	150
1800		70		23	2	145
2200		75		26	1,7	135
2700		75		33	1,7	120
3300		65		39	1,2	110
3900		65		44	1	105
4700		65		64	0,9	85
5600		65		66	0,85	85
6800	↓	60	↓	70	0,80	82
8200	± 10%	70	0,25	72	0,75	80



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